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Georgann S. Grunebach, Reg. No. 33,179

(Signature)

July 13, 2004 (Date of Signature)

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PATENT
Docket No. PD-200084

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Donald C. D. Chang

Date: July 13, 2004

Serial No.: 09/652,862

Group Art Unit: 2683

Filed: 08/31/2000

Examiner: Ewart, James D.

For: RAPID USER ACQUISITION BY A GROUND-BASED BEAMFORMER

NOTICE OF APPEAL FROM THE PRIMARY
EXAMINER TO THE BOARD OF PATENT APPEALS AND INTERFERENCES
(37 C.F.R. § 1.191)

Mail Stop AF
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant hereby appeals to the Board from the decision of the Primary Examiner, dated April 21, 2004, finally rejecting claims 1-22.


This application is on behalf of other than a small entity.

The fee for filing the Notice of Appeal is \$330.00.

1
(09/652,862)

The Commissioner is hereby authorized to charge payment of the required fees during the pendency of this application or credit any overpayment to Deposit Account No. 50-0383.

Respectfully Submitted,



Georgann S. Grunebach
Registration No. 33,179
Attorney for Applicants

Dated: July 13, 2004

The DIRECTV Group, Inc.
RE / R11 / A109
P.O. Box 956
2250 E. Imperial Highway
El Segundo, CA 90245-0956

(310) 964-4615

2
(09/652,862)

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DIRECTV.

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Attention: Examiner: James D. Ewart

Supervisory Examiner: William Trost

UNITED STATES PATENT AND TRADEMARK
OFFICE

Fax: (703) 872-9306

Examiner: James D. Ewart

Phone: (703) 305-4826

Supervisory Examiner: William Trost

Alt: (703) 308-5318

Pages: Cover + 2=3

Date: July 13, 2004

Certificate of Transmission

From: Georgann S. Grupebach

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Assistant General Counsel DIRECTV

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Attention: Commissioner for Patents

Please find attached Re: 09/652,862

> Notice of Appeal in Response to PTO Office Action dated 4-21-2004

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If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.
The DIRECTV Group, Inc., RE / R11 / A109, P.O. Box 956, El Segundo, CA 90245-0956